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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/652,986	08/28/2003	Shigenori Tomonaga	16869S-092800US	2985

20350 7590 12/14/2005

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EXAMINER
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SIDDIQI, MOHAMMAD A

ART UNIT	PAPER NUMBER
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2154

DATE MAILED: 12/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/652,986

Applicant(s)

TOMONAGA ET AL.

Examiner

Mohammad A. Siddiqi

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10/31/2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-5,7-9,11 and 12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-5,7-9,11 and 12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

1. Claims 1, 3-5, 7-9, and 11-12 are presented for examination. Claims 2, 6, and 10 have been cancelled.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 3-5, 7-9, and 11-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Imasaki et al. (5,983,210) (hereinafter Imasaki).
4. As per claim 1, Imasaki discloses a Computer-readable storage medium having a program for use in an information processing apparatus having a function of displaying at a user interface a plurality of management information items (44, fig 8, col 5, lines 63-67) expressing access status (user can check the displayed connection status, 41, fig 8, col 3, lines 55-

57) of a communication path for sending a data input/output request to a storage device (44, fig 8, col 5, lines 63-67) and returning result of the access request to said information processing apparatus , said program comprising (44, fig 8, col 3, lines 35-45):

code for updating at least one of said management information items being displayed to express present access status of a communication path when detecting that access failure occurs (obstruction is interpreted as an error signal, col 3, lines 17-35) at said communication path (user can check the displayed connection status, 41, fig 8, col 3, lines 55-57) based on an access to said storage device (44, fig 8, col 3, lines 35-45), and/or updating at least one of said management information items (modifying parameters, col 3, lines 17-35) being displayed when receiving from said user interface an input (user can check the displayed connection status, 41, fig 8, col 3, lines 55-57) for updating said management information items being displayed (col 3, lines 35-45).

5. As per claim 3, Imasaki discloses in accordance with an input for updating said management information items being displayed (col 3, lines 35-45), all of said management information (44, fig 8, col 5, lines 63-67) items being displayed or part of said management information items being displayed is updated (modifying parameters, col 3, lines 17-35) to express

present access status of a communication path.

6. As per claim 4, Imasaki discloses part of said management information items (44, fig 8, col 5, lines 63-67) to be updated includes at least one of an execution number of data input/output as performed between said storage device and said information processing apparatus and a number indicative of access failure occurred at said communication path in proper execution of said data input/output (44, 29, fig 8, col 3, lines 17-45, col 12, lines 30-49).

7. As per claim 5, the claim is rejected for the same reasons as claim 1, above.

8. As per claim 7, the claim is rejected for the same reasons as claims 5 and 3, above.

9. As per claim 8, the claim is rejected for the same reasons as claims 5 and 4, above.

10. As per claim 9, the claim is rejected for the same reasons as claim 1, above.

11. As per claim 11, the claim is rejected for the same reasons as claims 9 and 3, above.

12. As per claim 7, the claim is rejected for the same reasons as claims 9 and 4, above.

### ***Response to Arguments***

13. Applicant's arguments filed 10/31/2005 have been fully considered but they are not persuasive, therefore rejections to claims 1, 3-5, 7-9, 11, and 12 are maintained.

14. Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

15. In the remarks applicants argued that:

**Argument:** Imasaki does not teach updating at least one of said management information items being displayed to express present access status of a communication path when detecting that access failure occurs at said communication based on an access to said storage device, and/or updating at least one of said management information items being displayed when receiving from said user interface an input for updating said management information items being displayed.

**Response:** Imasaki discloses updating (at least one of said management information items being displayed to express present access status of a communication path (connection status information on the units signal path, interpreted as communication path, col 21, lines 42-60) when detecting that access failure occurs (obstruction is interpreted as an error signal, col 3, lines 17-35) at said communication path (user can check the displayed connection status, 41, fig 8, col 3, lines 55-57) based on an access to said storage device (44, fig 8, col 3, lines 35-45), and/or updating at least one of said management information items (configuration status is interpreted as system configuration , col 3, lines 17-35; lines 45-60) being displayed when receiving from said user interface an input (user can check the displayed connection status, 41, fig 8, col 3, lines 55-57) for updating said

management information items being displayed (user can check the displayed connection status anticipates the management information items being displayed, items are interpreted data item, for example configuration parameters, col 3, lines 35-60).

### ***Conclusion***

16. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A. Siddiqi whose




telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS



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